

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) An optical switch comprising:

an incident side light transmitting member constructed by a plurality of incident side optical fibers;

an emitting side light transmitting member constructed by a plurality of emitting side optical fibers respectively arranged so as to be opposed to the respective incident side optical fibers;

at least one preliminary optical fiber operable to function as ~~one of the~~ an incident side optical fiber ~~and the~~ or an emitting side optical fiber;

reflection means ~~moved so as to be positioned with respect to one of the optical fibers and~~ able comprising a single movable reflection member that is operable to transmit an optical signal between the preliminary optical fiber and ~~the other optical fibers~~ each of the plurality of emitting side optical fibers or each of the plurality of incident side optical fibers by reflecting the optical signal; and

a driving member operable to actuate ~~means for moving~~ the single movable reflection member means so as to be able to a plurality of positions ~~the reflection means with respect to one of the optical fibers.~~

2. (Currently Amended) An optical switch comprising:

a plurality of incident side optical fibers;

a plurality of main emitting side optical fibers respectively arranged so as to be opposed to the respective incident side optical fibers; [[,]] and

a single preliminary emitting side optical fiber;

reflection means comprising a single movable reflection member that is operable to ~~for~~ reflecting an optical signal from each one of the plurality of incident side optical fibers to the single preliminary emitting side optical fiber; and

a driving member operable to actuate ~~means for moving~~ the single movable reflection member to a plurality of positions ~~means with respect to one of the respective incident side optical fibers.~~

3. (Currently Amended) An optical switch comprising:

a plurality of main incident side optical fibers and a single preliminary incident side optical fiber;

a plurality of emitting side optical fibers respectively arranged so as to be opposed to the respective main incident side optical fibers;

reflection means comprising a single movable reflection member that is operable to ~~for~~ reflecting an optical signal from the preliminary incident side optical fiber to ~~one~~ each of the plurality of emitting side optical fibers; and

a driving member operable to actuate the single reflection member to a plurality of positions ~~means for moving the reflection means with respect to one of the respective emitting side optical fibers.~~

4-8. (canceled)

9. (Currently Amended) The optical switch according to claim 1, wherein the said driving member is operable to actuate means can escape the single movable reflection member out of an means until a position for interrupting no optical path between the incident side optical fiber and the emitting side optical fiber in moving the reflection means.
10. (Currently Amended) The optical switch according to claim 1, wherein said the driving member means is constructed by comprises one of a stepping motor and or a voice coil motor.
11. (Currently Amended) The optical switch according to claim 1, wherein further comprising a lens array for integrating said optical fibers and having a collimator lens for setting light emitted or incident to each optical fiber to parallel light is arranged.
12. (Currently Amended) The optical switch according to claim 1, wherein said the single movable reflection member means and said the preliminary emitting side optical fiber can be integrally moved.
13. (Currently Amended) The optical switch according to claim 1, wherein the single movable said reflection member means is constructed by a reflection face formed by at least one of press working in one end portion of a bar material by a metal, press working in one end portion of a bar material manufactured by glass, or and an injection molding processing.
14. (Currently Amended) An optical switch unit wherein characterized in that the optical switch according to claim 1 and a control means for controlling the operation of the said driving member means are housed stored into a single casing.

15. (Currently Amended) The optical switch according to claim 2, wherein the said driving member is operable to actuate means ~~can escape~~ the single movable reflection member out of an means ~~until a position for interrupting no~~ optical path between the incident side optical fiber and the emitting side optical fiber ~~in moving the reflection means~~.
16. (Currently Amended) The optical switch according to claim 2, wherein the said driving member ~~means is constructed by~~ comprises one of a stepping motor and or a voice coil motor.
17. (Currently Amended) The optical switch according to claim 2, ~~wherein~~ further comprising a lens array for integrating said optical fibers and having a collimator lens for setting light emitted or incident to each optical fiber to parallel light ~~is arranged~~.
18. (Currently Amended) The optical switch according to claim 2, wherein ~~said~~ the single movable reflection member means ~~and the~~ said preliminary emitting side optical fiber can be integrally moved.
19. (Currently Amended) The optical switch according to claim 2, wherein ~~said~~ the single movable reflection member means is constructed by a reflection face formed by at least one of press working in one end portion of a bar material by a metal, press working ~~in~~ one end portion of a bar material manufactured by glass, ~~or~~ and an injection molding processing.
20. (Currently Amended) An optical switch unit ~~characterized in that~~ wherein the optical switch according to claim 2 and a control means for controlling the operation of the said driving member means ~~are housed stored~~ into a single casing.
21. (Currently Amended) The optical switch according to claim 3, wherein ~~said~~ the driving member is operable to actuate means ~~can escape~~ the single movable reflection member out of an means

~~until a position for interrupting~~ no optical path between the incident side optical fiber and the emitting side optical fiber ~~in moving the reflection means.~~

22. (Currently Amended) The optical switch according to claim 3, wherein said the driving member means is constructed by comprises one of a stepping motor ~~or~~ and a voice coil motor.
23. (Currently Amended) The optical switch according to claim 3, ~~wherein~~ further comprising a lens array for integrating said optical fibers and having a collimator lens for setting light emitted or incident to each optical fiber to parallel light ~~is arranged.~~
24. (Currently Amended) The optical switch according to claim 3, wherein said the single movable reflection member means and said the preliminary emitting side optical fiber can be integrally moved.
25. (Currently Amended) The optical switch according to claim 3, wherein said the single movable reflection member means is constructed by a reflection face formed by at least one of press working ~~in~~ one end portion of a bar material by a metal, press working ~~in~~ one end portion of a bar material manufactured by glass, ~~or~~ and an injection molding processing.
26. (Currently Amended) An optical switch unit ~~characterized in that~~ wherein the optical switch according to claim 3 and a control means for controlling the operation of said the driving member means are housed stored into a single casing.
27. (New) The optical switch according to claim 1, wherein the driving member is operable to actuate the single movable reflection member in a first direction perpendicular to the optical path, and a second direction perpendicular to the optical path and the first direction.

28. (New) The optical switch according to claim 2, wherein the driving member is operable to actuate the single movable reflection member in a first direction perpendicular to the optical path, and a second direction perpendicular to the optical path and the first direction.
29. (New) The optical switch according to claim 3, wherein the driving member is operable to actuate the single movable reflection member in a first direction perpendicular to the optical path, and a second direction perpendicular to the optical path and the first direction.